

Abstract of the Disclosure

A method in a diffractive color system that specifies visual color effects and/or target colors that are formed by mixing together two or more diffractively produced primary colors. The primary colors and the characteristics of the elementary gratings used in producing them are selected in such a manner that they produce the desired exact primary colors particularly in the application-specific lighting and by taking into account, when required, the color of the substrate material and/or other background separately. A diffractive color system implements the method. A diffractive component produces the mixed target color. A product contains one or more diffractive color effects.